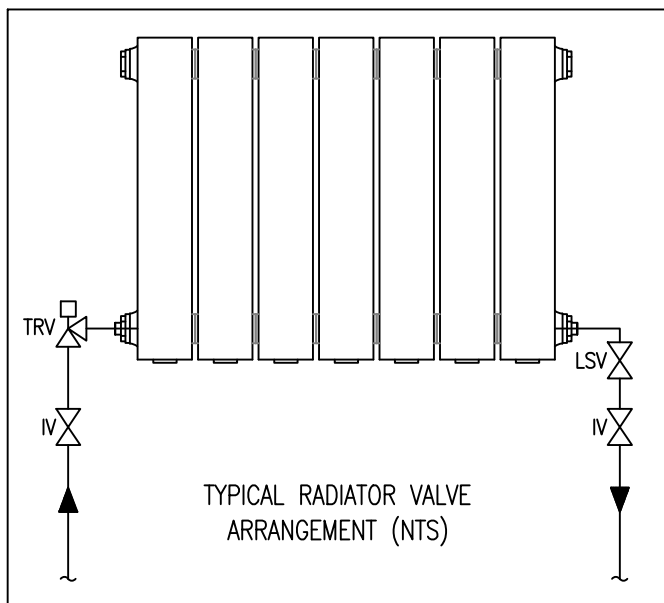
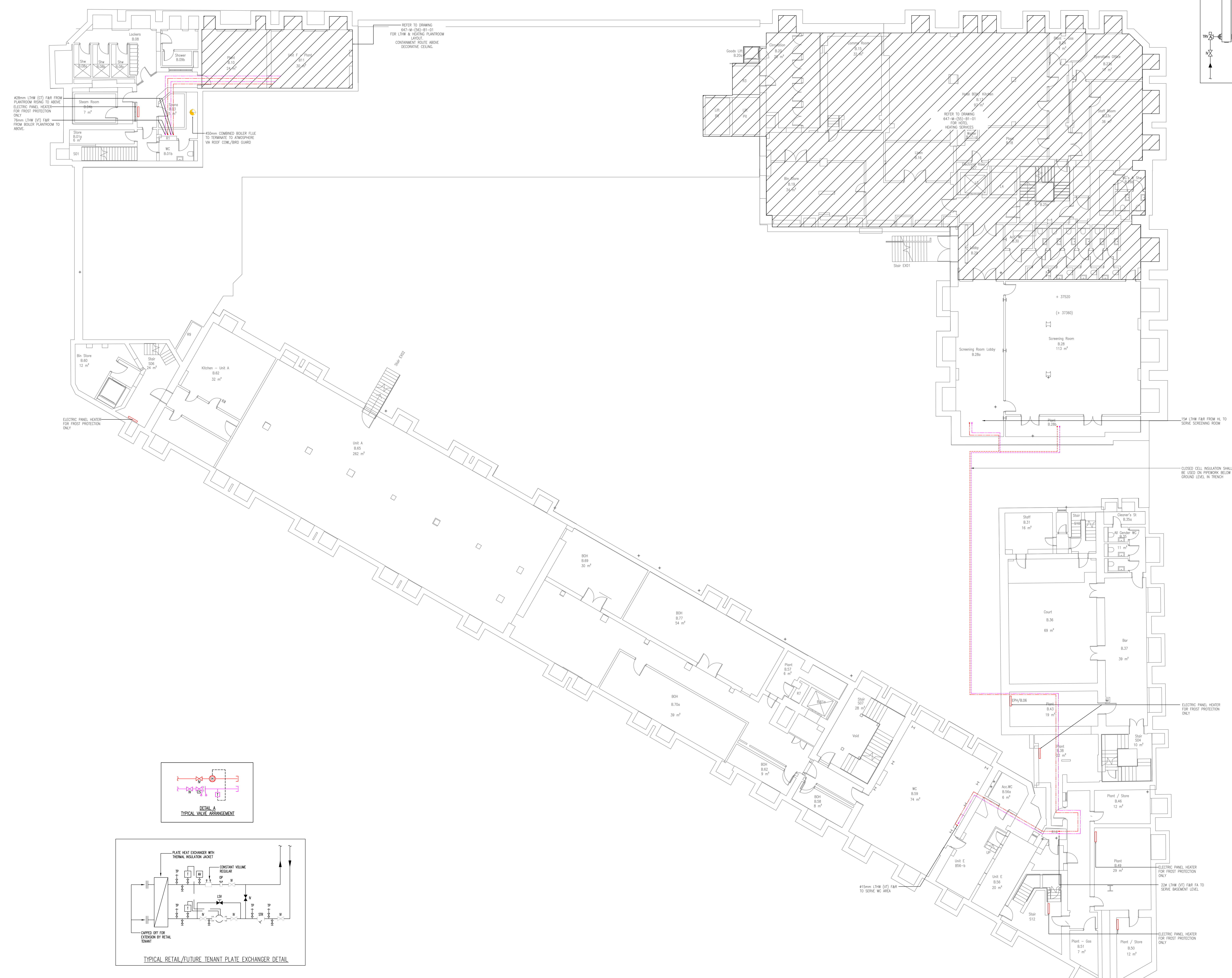




- NOTES**
1. DO NOT SCALE FROM THIS DRAWING.
 2. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS, FABRICATION OF PARTS, ORDERING MATERIALS OR COMMENCING WORKS.
 3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS, SPECIFICATIONS AND SCHEDULES.
 4. ANY PENETRATION THROUGH FLOOR, SEEK STRUCTURAL ENGINEERS APPROVAL BEFORE COMMENCEMENT.
 5. ALL PLANT AND EQUIPMENT SHALL BE INSTALLED FULLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
- HEATING INSTALLATION**
1. VALVE ARRANGEMENTS SHOWN ON THE SCHEDULES SHALL TAKE PRECEDENCE OVER ANY VALVE ARRANGEMENTS SHOWN ON THE (S4) SERIES LAYOUT DRAWINGS.
 2. EACH BOILER SHALL BE SUPPLIED WITH A SAFETY VALVE.
 3. THE DISCHARGE FROM ALL SAFETY AND RELIEF VALVES SHALL DISCHARGE TO DRAIN VIA A TANK WITH A FLOW RATE OF 10 L/S. THE TANK SHALL BE LOCATED IN A SAFE AND CONSPICUOUS LOCATION.
 4. ALL HEATING PIPEWORK SHALL BE COPPER TABLE X.
 5. ALL PIPES THROUGH WALLS, FLOORS & CEILINGS TO BE SLEEVED & FITTED WITH PIPE COVERS.
 6. FIRE STOPPING IS TO BE PROVIDED AT ALL JOINTS WHERE PIPEWORK PASSES THROUGH A FIRE COMPARTMENT.
 7. MECHANICAL CONTRACTOR TO INCLUDE FOR FILLING, VENTING & BALANCING OF PROPOSED SERVICES AND PRESSURE TESTING OF ALL PIPEWORK.
 8. THE BOILER FLUE IS TO BE INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
 9. ALL PIPEWORK IN ROOFS / ROADS ETC NOT PROVIDING USEFUL HEAT TO BE INSULATED IN ACCORDANCE WITH THE MECHANICAL PARTICULAR SPECIFICATION.
 10. FLUES ARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS, THE CLEAN AIR ACT MODIFICATION ON CHIMNEY HEIGHTS, THE BUILDING REGULATIONS PART J AND G4/SP/10.
 11. THE BOILER FLUES SHALL BE COMPLETE WITH ACCESS PANELS IN ROOFS AND H/S AT 5m INTERVALS AND AT EVERY JOINT. RECOMMENDED MANUFACTURER ACCESS: PANEL COMPANY LTD AND THEIR 'GAS FLUE INSPECTION PANEL'.
- ABBREVIATIONS**
- DFA - DROP FROM ABOVE
RTA - RISE TO ABOVE
RFB - RISE FROM BELOW
RTHL - RISE TO HIGH LEVEL
DTHL - DROP TO LOW LEVEL
DTHL - DROP FROM HL
HTG - HEATING
MCHWS - MAINS COLD WATER SERVICE
F&R - FEED & RETURN
H/L - HIGH LEVEL
L/L - LOW LEVEL
C/V - CL
F/V - FLOOR VOID

**FOR COMMENT
NOT FOR SITE USE**

11.04.22	TENDER ISSUE	12	AM	AC
07.02.22	BUILDING LAYOUT UPDATED	14	AM	AF
04.04.21	TENDER ISSUE	13	AM	AF
02.04.21	TENDER ISSUE	12	AM	AF
21.02.21	TENDER ISSUE	11	AM	AF
Date	Description	Rev	Drawn	Check

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Project
**LONDON ROAD FIRE STATION
FIRE STATION, LONDON ROAD,
MANCHESTER, M1**

Drawing Title
**MECHANICAL SERVICES
BASEMENT LEVEL
LTHW & HEATING LAYOUT**

Date: APR 21
Design By: AF
Drawn By: KDC
Scale: 1:100

Issue Status
TENDER

Drawing Number:
647-M-[56]-B1-01

Rev:
T5

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